12000
12458

12000-
12458

24

Cuatrecasas, Schultes & Smith

Oct. 8 –

12,043 Tuteçium vulgare Chotonca

044 Monochaetum Paramo de Guantemo 3200 m. Shrub 3/4 ft.

045 Espeletia Nemekenaei Topotype Same loc.

046 Halenia sp. Same loc.

Oct. 9 –

047 Espeletia sclerophylla Paramo del Almotzadero, Southern edge, Berdonzo 3180 m. Topotypical

048 Espeletia Duquandi Same loc. 3100 m. Almost topotypical!

12,049 Trifolium vulgare. Between El Cerrito y Peralonza. 2820 m. Root very bad. Same for rust.

12,049A "Potatoes" Argentinas". Paramo de Peralonza.

12,050 Senecio Yellow ligules. Top of Almorzadero 3800 m. Highest pt.

12,051 Senecio nivēo-aureus Same loc.

12,052 Espeletia conglomerata Smith. Same loc.

12,053 Geranium sp. Same loc.

12,054 Senecio sp. Possibly undescribed Same loc.

12,055 Senecio sp. ligules white to pink herb 1m. tall. Same loc.

Finca La Cabuya near Labateca, Norte de Santander. Alt. 1430 m.
Oct. 12

12,056 Pelea on rocks in sunny exposure

57 Adonia? on rocks

58 Polypodium on rocks

59 Adiantum? "

60 Anoda hastata herb. fl. lil. Roadside weed

61 Cucurbit vine fl. green-pale

62 Solanum vine on sec. vegetation Corolla sl-green "aji". Fr. used as Chile.

63 Lantana herb. Fl. whitish pink Roadside weed.

12,064 Opuntia sp. Fl. yellow. Low pl. 3 ft. high. Fr. red, 1 sample.

12065 Cassia Bush up to 2 m. Very common as roadside weed. Fl. brilliant yellow. Leaves very dark green above, lighter below. Cacasú. Infusion used as febrifuge - Leaves + fl.

66 Cupania ? large vine. Leaves dark green above, lighter green below with brownish tomentum along veins. Fl. whitish green, fragrant. Leaves very soft, not cartagenoid.

67 Orchid sp. on guava trees. Fl. pure white, fragrant. Sepals elongated into a spur 1 inch long. "Roots" very extensive.

12,068 Tillandsia Sp.

69 Tillandsia sp.

70 Peperomia sp. nr. rotundifolia

71 Phyllanthus Tree 6 m. Branches pendulous

72 Ficus Large tree 10 m. trunk. Wood soft

73 Psidium Guajava cult

74 Cleome tree fl. rose purple. Wood simple

75 Pavonia spinifex? Cult. as hedge. Plants 1½ m. high.

76 Chamaesyce Resinous weed, small nine nerved vegetation Fl. head deep purple.

77 Wedelia Fl. white. Bush 2 m. tall. Leaves light green

12,078 Acacia tall bush, reduced
weed. fairly sufficient

12,079 Bahuinia tree grassy alley
river 5m or more.

12,080 Cestrum arbor 7m. tree.
Calyx + corolla white

12,081 Grewia vine on rock
shrub vegetation 7ft.
green, weed.

12,082 Ophioma white Shade grass weed
under tree.

12,083 Composite Climbing? shrub
to 3m. Lyrate leaf flowers
yellow. Rhodes

12,084 Tagetes Rhodes sub. fantasia
bush

12,085 Echevaria fl. rose yellow. Ep. on
rocks river river

12,086 Calea large herbaceous shrub 2m. tall, Fl. white. Involucre, outside green Anthers black

12,087 Croton Large shrub up to 3m.
12,087a Croton. Distinct from 12,087?

12,088 Polygonum Sp. in woods

12,089 Paspalum " " "

12,090 Acanthaceae Creeping herb. Ribs red.

12,091 Polygala Fl. Lilac. Ribs red
12,091a Heloua guyanensis Hb.

12,092 Polygala Shrub, 1m. high, stem, greenish red, wings round, Lilac. Ribs red.

12,093 Bidens vine Ribs red. Fl. yellow. Anthers purple.

12,094 Banisteriopsis? Vine Red-purple
margin on fruit. Fl. pink.

95 Desmodium Reddish weed. Fl. Lilac

96 Rafinesia. Tree in thicket.

97 Alfalfa Introduced. Cult.

98 Desmodium Weed in pasture. Dry
reddish.

99 Lobelia Weed in woods. Very com-
mon. Herb. 1½ m. tall. Corolla
red purple. Lemmeria?

12100 Cassia. Cult.

12101 Serjania Climbing shrub. Fre-
quent. Florida. Pl. 5 feet.
Fruit orange yellow.

12102 Jacquemontia? Corolla
blue purple above; White below
Ribbed vine.

103 Ipomoea vine on tangled foliage
Fl. pink Ribbed vine.

104 Cassia shrub. Fol. yellow, pale
Ribbed vine.

105 Asclepias Curassavica. Ribbed vine.

106 [illegible] Herb 1 m. tall. Ribbed vine.
Calyx + tracts purplish. Capsule
4 lobed.

Acta de San Andrés
Oct. 12

12107 Stylosanthes Esp. deep forests. Herb.
Fl. white

12,108 Crotalaria. Esp. on dry sandy soil. Herb.
Fl. white

12,109 Eupatorium Fl. yellow. Straggling
vine forming tangles. Esp.

12,110 Cucurbit. Vine [illegible] rock in forest. Flowers orange; yellow within.

12,111 Solanum Above n. 31 & Coc. # 12,110. Corolla 1 1/2 cm. Herb. about 1 m. tall. Fruit a small, large, yellow, "Toronja" or "Lulo" general name in Colombia

12,112 Tillandsia Bulbosa; Ep.

12,113 Peperomia Not ep. Fl. cernua.

La Cabuya 13 - X - 41

12,114 Paspalum?

12,115 Juncus

116 Agrostis

117 Cyperus

118 Jussieu herb. petals yellow

119 Polygonum

120 Cyperus

121 Plantago

122 Peperomia on rocks in moss

12,123 Bidens herb. 1m. flor. amarillo, ligulas ~~black~~ white

124 Tephrosia herb - repent. fl. blue.

125 Verbena herb. fl. blue.

126 Sida fl. pale yellow

127 Eupatorium fl. lilac.

128 Indigofera Shrub. 2m.

129. Labiate repent. 2m. fl. lilac - blue pale

130 Grass

131 Solanum herb - corolla blue, anthers yellow.

132 Peperomia thick & fleshy. on mossy rocks.

133 Bryophyllum fl. green - yellow.

134 Polypodium epiphytic. mossy rocks

135 Polypodium

136 Polypodium

Zulbrade de la Cabuya de Chitagá entre 1800 - 1600 m.

12,137 Tagetes. fl. red. carmin. extremo yellow - green

138 Salvia corolla blue

139 Adiantum

12, 140 Dodonea. flowers green

141 Acalypha shrub fl. red

142 Euphorb. tree. Seeds black.

143 Tilia? shrub. petals yellow.

144 Vallesia? tree

145 Mammillaria?

146 Avocacia esculenta cult.

147 Clusia

148 Cordia small tree. Corolla white ~~blue~~.

149 Ranunculus ~~petals~~.

---

150 Galinsoga herb. fl. yellow., ligules ~~black~~ white

151. Gramineae Agrost.

152 Ageratum herb. fl. blue

153 Richardia scabra fl. white

154 Phaseolus Petals clear white

155 Physalis large herb - corolla blue violet

156 Elephantum herb. petals yellow.

157 Anagallis arvensis herb. corolla blue

158 Artemisia

159 Silene gallecca

160 Anoda almost bushy. fl. blue-violet

161 Vicia vine. Petals violet. Calyx green violet

12, 140 Dodonea. flowers green

141 Eucalypha shrub fl. red

142 Euphorb. tree. Seeds black.

143 Tilia? shrub. petals yellow.

144 Vallesia? tree

145 Mammillaria?

146 Araacacia esculenta cult.

147 Clusia

148 Cordia small tree. Corolla white ~~blue~~.

149 Ranunculus ~~petals~~.

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150 Galinsoga herb. fl. yellow; ligules ~~black~~ white

151. Gramineae Agrost.

152 Ageratum herb. fl. blue

153 Richardia scabra fl. white

154 Phaseolus Petals clear white

155 Physalis large herb - corolla blue violet

156 Raphanus herb. petals yellow.

157 Anagallis arvensis herb. corolla blue

158 Artemisia

159 Silene gallecca

160 Anoda almost bushy. fl. blue-violet

161 Vicia vine. Petals violet. Calyx green violet

12,162 Cuphea small bushy herb. ~~Pet.~~.
163 ~~Dichromena~~ Kellingia
164 Pteris saticum
165 Eupatorium robust herb. fl. ~~blue~~ white
166 Rapanea tree fl. bluish
167 Epidendrum cf radicans. fl. red
168 Peperomia
169 Spilanthes. flowers ~~blue~~ white
170 Evolvulus. Corolla blue
171 Polypodium glaucum. .
172 Castilleja
173 Cootalaria tree. Corolla yellow.
174 Koeleria herb. corolla red
175 Monnimia shrub. fl. blue
176 Peperomia
177 Cissampelos vine
178 Bocconia fl. yellow green
179 Salvia cult.
180 Pavonia sq shrub. Pet. yellow
181 Habenaria fl. all white. Terr. orchid
182 Equisetum
183 Calea fl. white
184 Fourcroyda fl. stalk 15 ft. tall.
fl. white-green.

12,185 Solanum large bush. fl. lilac

186 Fern

187 Selaginella

188 Impatiens fl. white centre yellow

189 Polygonum

190 Lantana Camara

191 Baccharis floribunda

192 Bochmeria Tall shrub

193 Tillacountiaceae Small tree

194 Peperomia sp. on rocks.

195 Croton Small tree

196 Oxalis fleshy, on rocks.

197 Pilea sp. on wet cliff; thick + fleshy

198 Melochia large shrub

199 Piper large shrub

200 Tall grass

201 Fern

202 Grass

203 moss

204 Marcantia polymorpha

"Ic Cabinet" Bot 14
12,205 Bot. collection
204 Sega des. plants
207 ? "Bot. Secret" Plants
208 Cuscuta before subject for individual
209 Solanum Corolla yellow, plant
210 Datura Inflorescence
Corolla
Leaves affixed Capsule & Seed
Ovary
211 Spicebush Corolla red. Fruit Black
Seed
212 Sedum species, fleshy fruit
of green.
213 Tillandsia species, bracts green, in
dense spike. Sepals red. Petals
red. Anthers yellow. Pistil
white. Ovary in seeds.
214 Veronica ? Tree

12,215 Soga — Tree. Fl. white. Used for coffee.

215A Soga — Same sp., but more distinct

216 Beija — Cent. in capitol Front pavement. "White colorado"

217 Bryonia? — Insect. petals ~~green~~ white

218 Heudotella — small one. Corolla yellow.

219 Eremitis — Small one. Corolla blue

220 Ephedra — Common. Parts of common use. Tabellum yellow. Stamps. Ep. in seeds

221. Cupressus? — Tree.

222 Lycopodium — Fl. blue

223 Portulacaria? — Fleshy in damp shade

224 Rhodea — Shrub

225 Grevillea — small tree

226 Conif. — robust bush. fl. white

F12231

Begonia grandis HTS K

12,227 Tibouchina bush fl. white
228 Conf. bush fl. purple

Punta Gorda, south coast of La Caleta.
Rocky hillside 1300 ft. Oct. 14

229 Chrysophyllum ? Tree
230 Miconia small tree. Red corolla
231 Begonia thick fleshy succulent herb 3 ft. tall fl. white to pink
232 Piper Shrub 2 m.
233 Urera robust bush. 1 m. high fl. purple
234 Ulmaceae Shrub
235 Polygonaceae bush Corolla white
236 Cyperaceae Sp. red fruit
237 Tiliaceae bush
238 Tabernaemontana fleshy bush fl. small white
239 Piper small herbaceous
240 Eupatorium bush fl. white
241 Cassia fl. red

242 Buchnera
243 Lepa.
244 Phacelia
245 Convolvulaceae
246 Asclepias
247 Coffea arabica
247a Gesn.

Obs. Rhizome de Fouquieria splendens → Toledo Cat. 15

12, 248 Helianthus ?

249 Dactylis gl.
250 Juncus sp.
251. Nicotiana
252 Acalypheae
253 Euphorbia
254 Ricinus communis
255 Balsamorh.

12,256 Rubiec. Tree. fl. greenish.

257 Myrt. Tree. ~~leaves~~ terminal leaves. reddish

258 ~~Lauc~~ family?

259 Miconia Tree. pet. ~~blue~~ white

260 Borreria ? small shrub. corolla

261 Tibouchina ~~fl~~ shrub. petals. white reddish anthers. yellow.

262 Centropogon shrub. corolla red.

263 Stachys small tree corolla white. calyx clear green

264 Brunellia

265 Alsophila 3 meters

~~266~~

Mataral in the páramo de Tontibón

12,266 Melast. sm. tree. pet. ~~pink~~. Anthers violet.

267. Gaultheria shrub. corolla white

268 Centropogon erect shrub. corolla carmín

269 family ? small tree fl. lilac

270 Weinmannia tomentosa

271 Chelonanthus small tree 3m. corolla cream

272 Befaria fl. deep rose

273 Valeriana shrub. corolla yellow.

12, 274 Befaria corolla white

275 Castilleja shrubby

276 Passerina ~~pet. cor~~

277 Gaultheria shrub

278 Arctophyll. shrub. corolla lilac

~~279 Senecio. corolla yel~~

279 corolla yellow

280 Bonarea fl. red

281 Jacobaeidion sm. tree. fl. white & aromatic.

282 Kellogii ? shrub. corolla red calyx yellow green & reddish

283 Hypericum shrub.

284 Lycopodium

285 Hypericum shrub

286 Erythronium

287 Anthericum fl. white & white-green

288 Lycopodium

289 Halenia herb

290 Anthurium spathe green. Spadix greenish

291 Cavendishia shrub. fl. red

292 Centropogon subshrub corolla carmine

293 Araliac. ? Sm. tree. fl. white sepia drupe-black.

294 Myrteola shrub. corolla white. ~~anthers~~

12,295 Cavendesh. Shrub. 3-4 m. corolla white-rose

12,296 Clethra

297. Bernettya corolla white. tree.

298 Hypericum tree

299 Eupatorium tall shrub. fl. white-purple.

300 Monochaetum Shrub. Pet. purple-purple

301 Loranth. Epiphytic

302 Miconia sm. tree. pet. white

303 Richardia . corolla white.

304 small tree

305 Ternstroemia sm. tree

306 Espeletia brassicoides

307 Bromel. epiph. inf. & fl. yellow orange

308 Poepalanthus

309 Cavendishia

310 Epidendrum

311 Clusia pet. green. anth. yellow

312 Lycopodium

313 Orchid. fl. white & lilac

314 Orthosanthus

315 Escallonia sm. tree corolla white

316. Titilium

Páramo de Fontebón 16 – X – 41.

12,317. Murrinia Tree
318 Hedyosmum Tree
319 Rubus Shrub. fl. rose
320 Murrinia tree fl white, anthers white
321 Baccharis. fl. white
322, Hypericum Shrub
323 Rosa flora fl. rose colored
324 Tibouchina Shrub corolla white
325 Murrinia Big shrub. fl white
326 Tabernaemontana shrub
327 Mikania?
328 Castilleia shrub fl. green-tip yellow or orange & blue

329 Eupatorium tree fl. pink
330 Miconia shrub corolla blue
331 Berberis
332 Hypericum tree fl white
333 Espeletia pannelensis
334 Lycopodium Parasite on Bromelias
335 Blechnum
336 Diplostephium tree

12,337 Wernericia tree. petals white. fruit red.
338 Brunellia
339 Palma 4–5 m. inflor. at base of leaves

La Cabuya 17-X-41.

12,340 Euphorbia. Shrub
341 Piper? "palo santo" tree

Ventanas 17-X-41.

12,342 Malvaceae plant & on tree corolla yellow red.
343 Asplenium
344 Peperomia
345 "
346 Peperomia large tree. Terminal inflorescence. Fruit red. Camote.
347 Asplenium
348 Brunellia 8 m. tree
349 Beclaria corolla yellow.
350 Rubiac. vine. corolla white

12,351. Rubiac. Tree or shrub, corolla white.
352 Phytolac. Shrub. Leaves drawn, flowers green-white
353 Solanum Lind. Scandent, corolla white-blue, anthers yellow.
354 Polygala shrub fl. blue
355. Chamaedorea 3 m.
356. Anthurium 1 m. tall. Spath green-red, spadix green
357 Chamaedorea 3 m.
358 Anthurium Spathe green. Spadix ovoid.
359 Clusia large Tree
360 Labiate fl. blue
361 Piper shrub or small tree.
362. Anthurium Spathe - flabby, violet-green
363 Pancratium red-brown, fl. yellow
364 Anthurium spathe green, spadix violet.
365 Piper shrub. 2 m.
366 Piper shrub
367. Begoniaceae, erect succulent stem thick fleshy leaves. Light red - brown green at base
367 Liffia corolla white
367 Cucurbitaceae. Fruits

Petiveria Verbenaceae y Bata

12,370 — ?
371 Bacharis — sm. tree
371A " "
372 Trixis shrub
373 Tiquiliaceae fl. blue
374 Vernonia tree
375 Solanaceae sm. tree
376 Convolv. corolla white
Corolla red
374 Rapanea tree.
377 Cordia tree. Corolla white
379 Solanaceae herb. corolla white
380 Lythrac? tree
381 Trichilia corolla white
382 Meliaceae tree
383 Myrtaceae tree
384 Cordia shrub. white
385 Rhamnaceae on 12,380
386 Ficus large tree.

Bata

12,387 Melia sm. tree.

12,388 Buja. "bija" tree

389 Acacia sp.? large tree.

390 Cercidium sp.

391 Solanum sp. shrub. corolla white

392 Bignoniaceae tree. corolla pink.

Between Alto del Oro & Santa Inés 18-X-41.

12,393 Stachytarpheta flower scarlet, bracts

394 Rubiaceae shrub. leaves dark green. fl. white-yellow

395 Fabaceae ? bush. ± prickly

396 Fabaceae. shrub. petals

397 Cordia sp. 4 m. tree.

398 Rubiaceae small tree. bract green. Corolla white, throat vanilla.

399 Apteria (sp.?) corolla white-lilac

401 Malvaceae sp. red with red + red buds.

401 " "

402 Pleurothallis lf. yellow-red. Ob. + lf. red.

#1913

Pergularia buddleiaefolia A. DC.

12,403 Lepanthes ? flower yellow-reddish, column red.

404 Anacardiaceæ ? Tree

405 Cledonia ? Shr. tree, Cauliflor. Fl. white.

406. Vernonia ? reb.

407 Mecinia tree fl. white

408, " petals white, stamens lilac

409 Senecio vine corolla white

410 Peperomia fleshy spikelet

411 Begonia very branched herb. 2 ft. middle. Petals white.

412 Cattopogon corolla green

413 Begonia fl. yellow-white

414 Mecinia Shrub, l. ovate, pointed, petals white

415 Catopsis spikelet fl. red, fruits yellowish

416 Bomarea corolla flesh like with violet markings within.

417 Palicourea shrub

418 Rubiac. tree bracts violet

419 Acanthac. herb. corolla white corolla blue.

420 Clusia tree

Santa Inez 19-X-41

12,421 Weinmannia large tree
422 Thibaudia peduncles + calyces red, corolla red, yellow at tip. Fleshy fl.
423 Blechnum
424 Weinmannia Tree. Fl. red
425 ? Tree curled at edge
426 Gutteifera Tree
427. Hydrophyllum
428 Stelis. Fl. white
429 Podocarpus "pino"
430 Myrsine. fl. white. Shrub.
431 ? Tree
432 Lepantlies. Fl. red-orange
433. Chaenedoxa. Fruit blue black. 2m.
434 Anthurium Spathe red green Fl. 6 to
435. Bromelia Aechmea? Fl. white.
436 Alsophila 15 ft tall. Leaf 1.5 m. Ft.
437. Moss.
438 Polypodium
439 Asplenium
440 Lichen
441 Rubiaceae fruit yellow.

12,442 Thibaudia corolla red with yellow lobes.
443 Clusia fruit black. 1½ in.
444 Anthurium Spathe red
445 Pleurothallis
446. Piper Shrub
447. Melastomae. Tree
448. Selaginella. Sp.
449. Hymenophyllum
450 Polypodium.
451. Lichen
452 Rubiaceae Corolla white, throat yellow
453 Psitacinia Fl. red. corolla red-vio.
454. Rubiac. Fl. white, throat red.
455 ? Tree
456 Orchidaceae. Sp. brown-yellow spots.

Between S. Inés & Ventanas 20-X-41

12,457. Lauraceae. Tree corolla
458 Lepanthes. fl. white, anthers yellow
459 " fl. yellow. Col. + lip
460 " Sp. yellow with red lines. lip + col. red

12,461 Clusia sp. tree, flowers yellow-green
462 Polypodium sp.
463. Brassia tree, flowers yellow-green
464 Peperomia
465 Rhexia. tree. petals white, violet on edge, anthers white
466 Elleanthus. flowers red
467. Epid. Sep. violet-brown, Pet green. Labellum whitish
468 Stelis fl. white
469 —— peduncle & petals dirty brown, column yellow green with violet points. Lip yellow, fringed on top.
470 Epidendrum
471 Heliconia. large tree "blue colored" "majao"
472. Anthurium spathe & spadix green
473 Peperomia Stem
474 Araceae stem elongated, leaves & spath reduced to scales (?) spadix green.
475 Potomorphe sm.
476 Markgravia sp. shrub.
477 Arthrostylis sp. vine
478 moss
479 —— tree. Shiny leaf
480 Peperomia tree
481 Loranthaceae sp. shrub, corolla white
482 Pleurothallis vel aff. Sep. yellowish violet points in upper part. Petals fringed. Labellum white.
483 Epidendrum flowers green
484 Elaphroglossum
485 Sorghi? herb. corolla dk-violet

1492.
Pagano & Pedraza Smith & Wesson
war evidence

12,486 Cyperaceae.
487 Eupatorium herb. ft 2 m. flowers white
488 Senecio? herb ft 1 m. fl. yellow.
489 ——— herb. calyx green. Corolla green. to somewhat red.
490 Plantago
491 Solanum corolla white
492 Begonia herb reddish fl. white
493 Anthurium spathe & spadix red-green
494 Siparuna tree. leaf dark; fr. dark
495 Peperomia sp.
496 Styrax tree
497 Gesneraceae herb. 2 m) Fl. yellow.
498 Peperomia

Santa Ana, Mt. 21-X-01

12,499 Mesosa shrub.
500 Begonia sterile (shrub)
501 Melastomaceae shrubby
502 Piper shrub
503 Miconia shrub
504 Espeletia
505 Lauraceae? shrub
506 Cavendishia shrub
herb. corolla pink
507 Miconia large shrub.
508 Gaultheria shrub. corolla blue
509 Piperaceae shrub fruit black

Between S. Inés + Ventanas 21-X-41

12,510 Bomarea fl. stalk. fruit bluish
518 Eryngium subshrub. corolla yellow
512 Malpighiaceae sm. shr. fl. reddish
513 f— tree leaf. 2.5 cm. stem. 3cm. diam. 3 m. tall.
514 Phoradendron parasite
515 —— large tree. fl. yellow.
516 Alstroemeria shrub fl. rose yellow.
517 Plumbella sh violet
518 Plumbella Stem covered with red hairs.
519 Epidendrum fl. yellow with reddish lines. in corpla
520 Orchid fl. yellow-green
521 Orchid fl. pale green
522 " fl. dark violet
523 " fleshy leaf fl. dark violet
524 Epidendrum fl. totally yellow
525 Fuchsia
526 Passiflora green
527 Peperomia
528 Calceolaria
529 Jaborosa shrub corolla white
530 Eutropogon shrub. corolla
531 Solanum vine like shrub. Carmine corolla lilac anthers yellow.

12,532 Stelis. sp. Fl all red purple with
fine white hairs on sepals mostly
533 Oncidium. Petals flame red. Trifle, v. cut.
Stelis? edge of sepals light,
534. Spathiphyllum sp.
535 Pleurothallis sp. Fruit figured +
plenumbate.
536 Aptera? Entirely white except
brownish tips of stem, leaves
537 Stelis. All flowers red purple
538 Oncidium Sepals + lip pink. Claw
539 Pleurothallis? all pale green
540 Pleurothallis all pale yellow-green
(grotzi?)
541 Stelis + Lepanthes Sepals yellow
542 Pleurothallis. Sepals lip yellow
543 Masdevallia? sepals yellow-green
2 white. Petals lip pink
lip yellow, petals triangular
yellow with red tips. Stem, leaves
leaves base green, fleshy-
coriaceous. Varieties,
545 Sepals. Dr roots, dorsal pale
546 Two Cattleya 1 pale, one dark
547 Hymenophyllum

12548 Polypodium.
549 "
550 - Fern.
551 ? Tree; very tall. "tusca"